



CERTIFICATE OF MAILING

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Rebecca A. Bellas

(Type or Print Name of Person Mailing Paper)

Jan 14, 2004
(Date)

Rebecca A. Bellas
(Signature of Person Mailing Paper)

Docket No. NANP113US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Applicant: FUJIHIRA, et al.
Serial No.: 10/687,684
Filed: October 17, 2003
For: 2,4,5-TRICHLOROPHENOXYALKYLCARBOXYLIC ACID AND A METHOD FOR DETERMINING DIOXINS USING THE SAME
Art Unit: ----
Examiner: ----

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, pending applications, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications or (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120: or (c) U.S. Patent(s) and published application(s) since the subject application was filed after June 30, 2003.

Serial No.: _____
Filing Date: _____

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) ____ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
- (b) ____ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

- (a) ☒ Within 3 months of the filing date or date of entry into the National Stage.
- (b) ☐ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 50-1063 for consideration of this Statement.
- (c) ☐ Before the mailing date of a first Office Action on the merits after a first or second submission after final rejection under 37 C.F.R. 1.129(a).
- (d) ☐ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.
- (1) ☐ The required certification is given below, or
- (2) ☐ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or
- (3) ☐ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 50-1063
- (e) ☐ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.
- (1) ☐ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(i)(1), or
- (2) ☐ Charge the fee set forth in 37 C.F.R. 1.17(i)(1) to Deposit Account No. 50-1063.

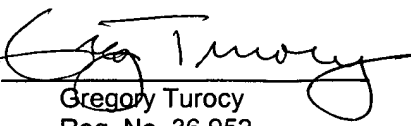
4. Certification (if applicable)

- (a) ☐ The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.
- (b) ☐ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

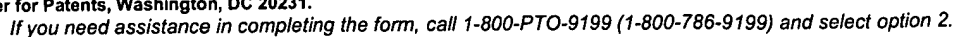
5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1063.

Respectfully Submitted,

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/687,684
		Filing Dat	October 17, 2003
		First Named Inventor	FUJIIHIRA, et al
		Art Unit	----
		Examiner Name	----
Sheet 2	of 2	Attorney Docket Number	NANP113US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		YUKIO SUGAWARA, SHIRLEY J. GEE, JAMES R. SANBORN, S. DOUGLASS GILMAN, BRUCE D. HAMMOCK, Development of a Highly Sensitive Enzyme-Linked Immunosorbent Assay Based on Polyclonal Antibodies for the Detection of Polychlorinated Dibenzo-p-dioxins, 1998, pp.1092-1099, vol.70, California	
		KUN CHAE, LEE KYUNG CHO, JAMES D. MCKINNEY, Synthesis of 1-Amino-3,7,8-trichlorodibenzo-p-dioxin and 1-Amino-2,3,7,8-tetrachlorodibenzo-p-dioxin as Haptenic Compounds, 1977, pp.1207-1209, vol. 25,	
		SIMONA G. MERICA, NIGEL J. BUNCE, Synthesis of nitropolychlorinated dibenzo-p-dioxins (NPCDDs) and their photochemical reaction with nucleophiles, 1995, pp.826-834, vol.73, Canada	
		HIROKI FUJIIHIRA, KOHEI NAKATANI, SHIGEAKI NISHII, KAZUHIRO MATSUI, Development of the conventional analysis method for the dioxins using ELISA, The 5th Annual Meeting of Japan Society of Endocrine Disrupters Research, 2002, p86, Japan	
		YA-WEN CHIU, ROBERT E. CARLSON, KAREN L. MARCUS, ALEXANDER E. KARU, A Monoclonal Immunoassay for the Coplanar Polychlorinated Biphenyls, 1995, pp.3829-3831, vol.67, California	
		Press Release via internet by Takuma and Toyobo, Development of high sensitive and rapid determination of dioxins, December 3, 2002, Japan	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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